AMENDMENTS TO THE CLAIMS

1-8. (Canceled)

9. (Previously presented) A composition comprising a therapeutically effective amount of tetrapropylammonium tetrathiomolybdate and a pharmaceutically acceptable excipient, said amount effective to treat an angiogenic disorder, the composition further comprising a therapeutic agent different from said tetraalkylammonium tetrathiomolybdate compound.

10. (Original) The composition of claim 9, further comprising a zinc compound.

11. (Previously presented) The composition of claim 9, wherein the therapeutic agent is an anti-angiogenic agent.

12. (Previously presented) The composition of claim 11, wherein the anti-angiogenic agent is selected from the group consisting of angiostatin, endostatin, trientine, penicillamine, and zinc.

13. (Previously presented) The composition of claim 9, wherein the therapeutic agent is an anti-cancer agent.

14. (Previously presented) The composition of claim 13, wherein the anti-cancer agent is selected from the group consisting of a chemotherapeutic agent, radiotherapeutic agent, immunotoxin, anti-angiogenic agent, apoptosis-inducing agent, a distinct agent that binds copper, and a zinc compound.

15-16. (Canceled)

17. (Previously presented) The composition of claim 9, which is in a tablet or time release capsule.

18. (Previously presented) A kit comprising, in at least one container, a therapeutically effective amount of at least one tetraalkylammonium tetrathiomolybdate compound and: (a) a therapeutically effective amount of at least one therapeutic agent that is different from said tetraalkylammonium tetrathiomolybdate compound, said therapeutic agent selected from the group consisting of an anti-cancer agent and an anti-angiogenic agent; or

(b) at least one component of an ceruloplasmin oxidase assay system for determining serum ceruloplasmin levels.

19. (Previously presented) The kit of claim 18, wherein said at least one tetraalkylammonium tetrathiomolybdate compound is disposed in a pharmaceutically acceptable composition.

20. (Previously presented) The kit of claim 18, wherein said at least one tetraalkylammonium tetrathiomolybdate compound is tetrapropylammonium tetrathiomolybdate.

21. (Previously presented) The kit of claim 18, wherein said kit comprises said at least one tetraalkylammonium tetrathiomolybdate compound and said therapeutic agent.

22. (Previously presented) The kit of claim 21, wherein said therapeutic agent is a zinc compound or an anti-angiogenic agent.

23. (Previously presented) The kit of claim 21, wherein said therapeutic agent is an anti-cancer agent.

24. (Previously presented) The kit of claim 21, wherein said at least one tetraalkylammonium tetrathiomolybdate compound and said therapeutic agent are comprised within a single container.

25. (Previously presented) The kit of claim 21, wherein said at least one tetraalkylammonium tetrathiomolybdate compound and said therapeutic agent are comprised within distinct containers.

26. (Previously presented) The kit of claim 18, wherein said kit comprises said at least one tetraalkylammonium tetrathiomolybdate compound and said component of an assay system for determining serum ceruloplasmin levels.

27. (Original) The kit of claim 26, wherein said kit further comprises all components of an assay system for determining serum ceruloplasmin levels.

28-50. (Canceled)